

Converting Colors

`RYB(163, 194, 158)`

Have a look what the booklet for
RYB(163, 194, 158) contains.

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Color

R_YB(163, 194, 158)

Conversions

Conversions Part 1

Format	Color
Hex	C2BE9E
RGB	194, 190, 158
RGB Percent	76%, 75%, 62%
CMY	0.2392, 0.2564, 0.3804
CMYK	0.00, 0.02, 0.19, 0.24
HSL	53°, 23%, 69%
HSV	53°, 19%, 76%
XYZ	46.7487, 50.5960, 39.6498
YIQ	187.5480, 12.6560, -9.1040

Conversions

Conversions Part 2

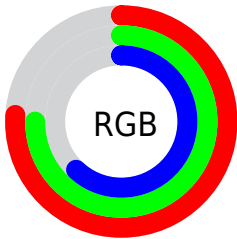
Format	Color
RYB	163, 194, 158
Decimal	12762782
CIELab	76.43, -3.74, 16.55
CIELCh	76, 16.965, 102.733
Yxy	50.5960, 0.3412, 0.3693
Android (android.graphics.Color)	4290952862 (0xFFC2BE9E)
YUV	187.5480, -14.5672, 5.6584
Hunter-Lab	71.1309, -7.1651, 16.7421

Details

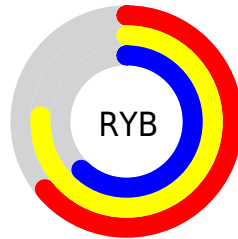
The RYB color **163, 194, 158** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **158, 162, 194**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **219, 251, 213**, and **110, 140, 107** is the 20% darker color. If you saturate the color by 10%, you get **147, 194, 139**, and if you desaturate by 10%, it is **179, 194, 177**.

Distribution



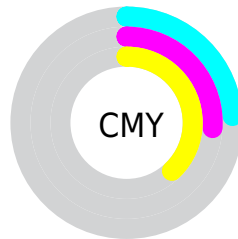
- Red (76%)
- Green (75%)
- Blue (62%)



- Red (64%)
- Yellow (76%)
- Blue (62%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (24%)



- Cyan (24%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 163, 194, 158 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 163, 194, 158 by changing the saturation by 10% instead.


 163, 194, 158


255, 255, 255

 219, 251, 213

 241, 255, 241

 163, 194, 158

 137, 167, 132


 112, 140, 107

 85, 114, 82

 62, 90, 59

 40, 66, 37


 17, 43, 16

 1, 22, 0


 0, 0, 0

 163, 194, 158


 163, 194, 158

 147, 194, 139

 179, 194, 177

 129, 194, 119


 194, 194, 197

 112, 194, 100

 194, 197, 216

 96, 194, 80

 194, 198, 236

 79, 194, 61

 194, 200, 255

 64, 194, 42


 194, 203, 255

 46, 194, 22

 194, 204, 255

 29, 194, 3

 194, 206, 255

 27, 194, 0

 194, 207, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210, 208, 159



163, 194, 158



165, 194, 183

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



163, 194, 158



149, 175, 209



215, 179, 198

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



163, 194, 158



158, 162, 194

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



200, 182, 212



163, 194, 158



161, 181, 218

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



163, 194, 158



149, 174, 198



180, 187, 219



222, 178, 182

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



163, 194, 158



165, 189, 196



180, 187, 219



210, 180, 203

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



163, 194, 158



238, 252, 237



194, 158, 163



122, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



163, 194, 158



204, 252, 197



158, 194, 171



88, 97, 87



23, 161, 0



5, 33, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



158, 162, 194



197, 203, 252



171, 158, 194



87, 88, 97



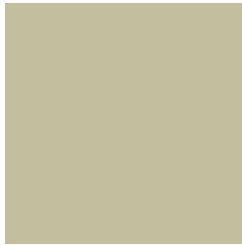
0, 18, 161



0, 4, 33

Previews

White Background



This preview shows how the RYB color 163, 194, 158 looks on a white background.

Color Contrast Check

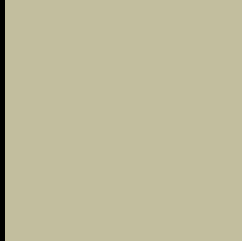
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 163, 194, 158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

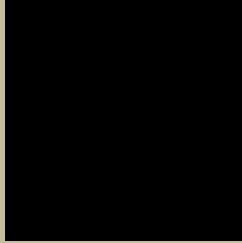
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

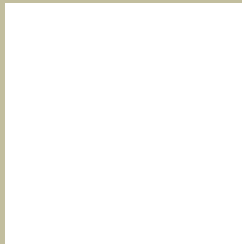
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 163, 194, 158 Background



This preview shows how black text looks on a background with the RYB color 163, 194, 158.



This preview shows how white text looks on a background with the RYB color 163, 194, 158.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
163, 194, 158

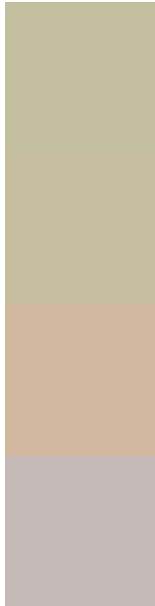
Protanopia
172, 199, 157

Deuteranopia
217, 193, 160



Tritanopia
199, 184, 198

Trichromacy



Original Color
163, 194, 158

Protanomaly
167, 197, 157

Deuteranomaly
209, 209, 159

Tritanomaly
197, 187, 183

Monochromacy



Original Color
163, 194, 158

Achromatopsia
187, 187, 187

Achromatomaly
178, 190, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 163, 194, 158 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 190, 158)` looks like.

```
.text, #text, p{  
    color:rgb(194, 190, 158)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 190, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 190, 158) }
```

Border

The CSS property to change the border of an element to RYB 163, 194, 158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 190, 158) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(194, 190, 158) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(194, 190, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 190, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 190, 158);  
box-shadow:4px 4px 4px 4px rgb(194, 190,  
158) }
```

Background

The CSS property to change the background color of an element to RYB 163, 194, 158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 190, 158) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
190, 158) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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